

14042 U.S. PTO  
07/14/03

Attorney's docket 22618

Box Patent Application  
Commissioner of Patents and Trademarks  
Washington, DC 20231

**CERTIFICATE OF EXPRESS OR  
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20231, on **JUL 14 2003**  
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Signature  
The Firm of Karl F. Ross, P.C.

**NEW APPLICATION TRANSMITTAL**

**PATENT**

Transmitted herewith for filing is the patent application of inventor:

	First Name	Last Name	Residence	Citizenship
1.	Philip	HEAD	London, Great Britain	Great Britain

For (title):

**METHOD OF DOWNHOLE DRILLING AND APPARATUS THEREFOR**

**1. Type of Application**

- ☒ Utility
- ☐ Design
- ☐ Plant
  
- ☐ Original
- ☐ Divisional
- ☒ Continuation
- ☐ Continuation-in-part

**2. Benefit of Prior US Application(s) (35 USC 120) or foreign priority (35 USC 119)**

- ☒ The new application being transmitted claims the benefit of a prior US application. See ¶17--20 below.
- ☒ Foreign priority claimed (see ¶9)

**3. Papers Enclosed Required For Filing Date Under 37 CFR 1.53(b) (Uti.) or 37 CFR 1.153 (Des.)**

- ☒ Pages of specification (16 1/2)
- ☒ Pages of claims (3 1/2)
- ☒ Pages of Abstract (1)
- ☒ Sheets of Drawing (8)
  - ☒ Formal
  - ☐ Informal

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**4. Additional papers enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ PTO-1449
- ☐ Citations (none)
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer-readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino-acid sequence
- ☐ Authorization of Attorney(s) to accept and follow instructions from Representative
- ☒ Other – PTO Data Entry Form
- ☐ Other

**5. Declaration or Oath**

- ☒ Enclosed  
copy of original executed by
  - ☒ Inventor(s)
  - ☐ legal representative of inventor(s). 37 CFR 1.42 or 1.43
  - ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or could not be reached
    - ☐ this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached
- ☐ Not Enclosed
  - ☐ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above-named inventor(s).
  - ☐ Showing that the filing is authorized.

**6. Inventorship Statement**

The inventorship for all the claims in this application is:

- ☒ The same
- ☐ Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
  - ☐ is submitted.
  - ☐ will be submitted.

**7. Language**

- ☒ English
- ☐ non-English
- ☐ the attached translation is a verified translation. 37 CFR 1.52(d).

**8. Assignment**

- ☒ This application is not currently assigned.

**9. Certified Copy**

Certified copy of application

**Country**

Great Britain

**Number**

9810321.1

**Date**

15 May 1998

from which priority is claimed

- ☐ is(are) attached.  
☐ will follow.  
☒ Was(were) filed earlier. See ¶18 below.

**10. Fee calculation**

- ☒ **A. Utility application**

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**CLAIMS AS FILED**


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	No. Filed	Base No.	No. Extra	Rate	Basic fee
Total claims	19	20	0	\$18.00	\$750.00
Independent claims	1	3	0	\$84.00	\$0.00
Mult. dep. claims	No	n/a	n/a	\$280.00	\$0.00

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- ☐ Amendment canceling extra claims enclosed.  
☐ Amendment canceling multiply dependent claims enclosed.  
☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

**\$750.00**

- ☐ **B. Design application**

(\$0.00—37 CFR 1.16(f))

Filing fee calculation

**\$00.00**

- ☐ **C. Plant application**

(\$490.00—37 CFR 1.16(g))

Filing fee calculation

**\$00.00****11. Entity Status**Applicant herewith qualifies as a **SMALL** entity.

Filing fee calculation (50% of A, B, or C above)

**\$375.00****12. Request for International-Type Search (37 CFR 1.104(d))**

- ☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

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**13. Fee Payment**

- ☐ Not enclosed.
- ☐ No filing fee is to be paid at this time.
- ☒ Enclosed.
- |   |                 |
|---|-----------------|
| <input checked="" type="checkbox"/> basic filing fee  | \$375.00        |
| <input type="checkbox"/> petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or could not be reached | \$0.00          |
| <input type="checkbox"/> for processing an application with a specification in a non-English language   | \$0.00          |
| <input type="checkbox"/> processing and retention fee   | \$0.00          |
| <input type="checkbox"/> fee for international-type search report   | \$0.00          |
| <b>Total fees enclosed</b>  | <b>\$375.00</b> |

**14. Method of Payment of Fees**

- ☐ Check in the amount of \$375.00
- ☐ Charge Account 18-2025 for \$375.00. A duplicate of this form is attached.
- ☒ Charge to credit card (PTO-2038 attached.)

**15. Authorization to Charge Additional Fees**

- ☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to account 18-2025.
- ☒ 37 CFR 1.16(a), (f), or (g) (filing fees)
- ☒ 37 CFR 1.16(b), (c), or (d) (extra claims)
- ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☒ 37 CFR 1.17 (application processing fees)
- ☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance pursuant to 37 CFR 1.31(b))

**16. Instructions As To Overpayment**

- ☐ credit account 18-2025
- ☒ refund

**17. Relate Back—35 USC 120**

This is a continuation of copending application 09/311197 filed 12 May 1999.

**18. Relate Back—35 USC 119 Priority Claim for Prior Application**

The prior US application(s) identified above in ¶17 in turn claim(s) the following priority(ies):

Country	Number	Date
Great Britain	9810321.1	15 May 1998

The certified copy(ies) has (have)

- ☒ been filed on 12 May 1999 and receipt was acknowledged on 1 August 2000 in the above-cited prior application 09/311197.
- ☐ is(are) attached

**19. Maintenance of Continuity of Prior Application**


- ☐ Extension of time in prior application
- ☐ An extension request and fee extend the term in the prior application to .
- ☐ A copy of the extension request for the prior application is attached

**20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed**

- ☒ The inventors for this application and for above-cited prior application 09/311197 are the same.
- ☐ This application claims, in addition to inventors named in above-cited prior application 09/311197 the following additional inventors:  
n/a
- ☐ The following inventors named in above-cited prior application 09/311197 are not claimed in this application:  
n/a
- ☐ Submitted herewith is an explanation detailing the changed inventorship.

14 July 2003

The Firm of Karl F. Ross P.C.

  
Herbert Dubno, reg. no. 19,752

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